

JOB VACANCY ANNOUNCEMENT

-Assistant Professor, National Astronomical Observatory of Japan (NAOJ) -

NAOJ invites applications for an assistant professor position as follows:

1. Job Title: Assistant Professor, one position
2. Division and Location: SOLAR-C Project, Mitaka, Tokyo
3. Area of Expertise: Mission Data Management, Solar Physics and/or related fields
4. Job Description:

The National Astronomical Observatory of Japan (NAOJ) has been playing a key role in science satellite missions of JAXA (Japan Aerospace Exploration Agency). NAOJ has the SOLAR-C Project which participates in and contributes to the Solar-C (EUVST: the EUV High-Throughput Spectroscopic Telescope) mission of JAXA/ISAS, aiming to explore key propositions in space science of how the plasma universe is created and evolves, and how the Sun influences the Earth, other interplanetary objects and the heliosphere.. The Solar-C (EUVST) can trace and grasp dynamic solar plasma phenomena in the chromosphere through the corona, thanks to advanced capabilities of seamless entire temperature coverage and about ten times higher spatial and temporal resolution than ever. It enables us to study the most fundamental question in solar physics: how does the interplay of solar plasma and magnetic fields drive solar activity? The SOLAR-C Project will contribute to the design and development of overall mission instruments, particularly the telescope of Solar-C (EUVST), in collaboration with JAXA and also several US and European institutes which plan to provide most critical components of spectrograph for Solar-C (EUVST) and responsible for science community to provide high-quality spectroscopic imaging data from Solar-C (EUVST), under the leadership of ISAS/JAXA.

Solar-C (EUVST) has been selected by ISAS/JAXA (Institute of Space and Astronautical Science of JAXA) as the unique candidate of the 4th Medium-Class science satellite mission. The target launch date is in the solar maximum of the mid-2020s. We invite applications for an assistant professor position at the SOLAR-C project of NAOJ. A successful candidate for this position is expected to be responsible for the management of Solar-C (EUVST) observational data, and to lead the establishment of mission operation and mission data processing and analysis systems both onboard and on the ground, and to lead the coordination of observations with other state-of-the-art instruments such as Solar Orbiter and DKIST. In order to grasp the properties of the data from Solar-C needed for scientific data analysis, a successful candidate is expected to contribute to the specification decision of the spectrograph components, and to the evaluation and calibration of the telescope/spectrograph components. The responsibilities of this position require continuously demonstrating leadership and outstanding performance in research activities, besides fostering collaborations among NAOJ scientists and engineers to stimulate productivity of science and development by making the best use of NAOJ's strengths. Fostering of young scientists including students in the PhD's program is also required as part of the responsibility.

5. Terms of Appointment:

The candidate should be able to start as soon as reasonably possible after the job offer has been accepted.

The term of the contract will continue up to the end of the Japanese academic year in which the faculty reaches NAOJ's mandatory retirement age of 65.

A review for the continuation of employment will occur before the beginning of the sixth year. The review may result in the candidate being requested to transfer to another position within NAOJ.

Probation period: 6 months

6. Qualifications

- (1) Minimum Educational Requirement: Ph.D. or equivalent; and
- (2) Other Requirements: To have sufficient English language proficiency to take part in scientific/technical discussions in face-to-face meetings, video conferences and teleconferences.

7. Required Application Materials: (*To be prepared in English. Any other language will not be accepted)

- (1) A cover letter;
- (2) A curriculum vitae;
- (3) Publications list (Separate refereed and non-refereed papers. SPIE and COSPAR can be included in refereed papers);
- (4) A summary of your past research activities including international collaborations;
- (5) Your commitment and plan to fulfill the duties (including your research plan as needed);
- (6) Your address (e-mail and phone) for prompt contact and the email address of your current supervisor or line manager; and
- (7) Three or more reference letters. Note that your current supervisor or line manager cannot be your reference. Please ask your references to upload the letters directly to the NAOJ job application system shown in 9 before the application deadline. Applicants are responsible for ensuring that the letters arrive before the application deadline. (all reference letters should be written by faculty/staff with tenured positions, and no more than one reference letter will be accepted from each country.)

8. Application Deadline: 2021-01-29, 17:00 (Japan Standard Time)

9. Submission:

Applicants are required to use the following NAOJ job application system on the website:

<https://jobregister.nao.ac.jp/>

Please fill out the form on the website and upload the documents specified in the application form. We recommend that the applicants obtain their applicant IDs and reference IDs from the application system in advance. Reference letters should be uploaded by the referees themselves, following the instructions shown in the application form. Each referee will need a reference ID and password to upload their letter to the system. The applicants will be expected to provide these to the referees.

If you have any question related to the job description, contact

E-mail: hirohisa.hara_AT_nao.ac.jp (replace `_AT_` with `@`)

Dr. Hara, Hirohisa,

Director of SOLAR-C Project, NAOJ

Subject of e-mail: "Question on JD of Assistant Professor of NAOJ SOLAR-C Project"

If you have any question related to the job application system or other items, contact,

E-mail address: JobRegister-contact-10_AT_nao.ac.jp (replace _AT_ with @)

Subject of e-mail: “Question on Assistant Professor of NAOJ SOLAR-C Project”

10. Notes for application:

- The application documents should be converted to PDF (max 50MB each, 100MB in total, at most 10 files).
- Candidates selected in the final short list may be interviewed by the selection committee either via the internet or face-to-face. The expense for the interview will not be covered by NAOJ.

11. Remarks:

- The NAOJ Advisory Committee for Research and Management will make the final decision for the appointment.
- NINS Employee Regulations (NINS, or the National Institutes of Natural Sciences, is an executive institute that manages NAOJ) shall be applied to this position.
- The successful candidate will be employed under the scheme of the annual salary system of NAOJ and will be paid monthly in 12 equal payments. Retirement Allowance shall be paid.
- Policy for Equal Employment Opportunity: Abiding by the Equal Employment Opportunity Act for Men and Women, NAOJ is committed to the realization of a society with gender equality. If two candidates are deemed equal in their performance evaluation, NAOJ will take positive action to employ women. If you have taken a leave(s) such as for maternity, childcare, and/or family care, please indicate it in your curriculum vitae. We will consider it when assessing your performance. For details, see <https://www2.nao.ac.jp/~open-info/gender-equality/> (currently in Japanese only).
- Smoking is prohibited on the premises excluding designated outdoor smoking areas.
- Information submitted in your application documents will not be used for any purpose other than the selection process and for contacting you with necessary notices in connection with the selection. Once the selection process is complete, we will securely dispose of all application documents and personal information, except for those submitted by the successful candidate.